

## **METHOD AND SYSTEM OF MONITORING A PATIENT**

### **ABSTRACT**

5 A patient monitor system implemented by a service provider for users via recording a patient's analytes measurements by an attenuated total reflection (ATR) infrared total spectroscopy method. The system comprises an input module that provides a non-invasive method in measuring analytes in a patient, such as a measurement of the glucose level and other blood analytes. The measurement is shared among a plurality of output  
10 devices such as computers, personal digital assistants (PDAs), cellular phones, and pagers that are stationed or held by various users, such as doctors, patients, researchers, pharmacies, labs, and health insurers. In addition, behavioral attributes are recorded and correlated with the analytes measurements to generate a profile. The profile is selectively sent to output devices based on the user profile corresponding to the output device. Also,  
15 access to the profile is monitored by a security module that encrypts the profile to prevent access by un-authorized users.